#### PATENT APPLICATION

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ATTORNEY DOCKET NO. 200315134

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

Randy Hoffman

Application No.: 10/799325

Filing Date:

Mar 12, 2004

Title:

Semiconductor Device

1 3 2005

Confirmation No.: 8192

Examiner: Thien Tran

Group Art Unit: 2811

Mail Stop Amendment **Commissioner for Patents** PO Box 1450 Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- (X) under 37 CFR 1.97 (c) together with either a:
  - (X) Statement under 37 CFR 1.97(e), or
  - ( ) a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ( ) under 37 CFR 1.97 (d) together with a:
  - ( ) Statement under 37 CFR 1.97(e)(1) or (2), and
  - ( ) a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$\\_\$0.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

- Applicant(s) submit herewith Form PTO 1449 Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

(X) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: \_

OR ( ) I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number Number of pages:

Typed Name: Donald J. Coulman

Signature: 0

Respectfully submitted,

Randy Hoffman

Donald J. Coulman

Attorney/Agent for Applicant(s)

Reg. No. 50, 406

Date: 6/4/05

Telephone No.: 541 715 1694

ATTORNEY DOCKET NO. \_\_200315134-1

Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400



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#### STATEMENT UNDER 37 CFR 1.97(e)

Sir:

The undersigned hereby certifies that either:

- (X) Each item of information contained in the Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or
- ( ) No item of information contained in the Information Disclosure Statement
  - -- was cited in a communication from a foreign patent office in a counterpart foreign application, and
  - -- to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

Respectfully submitted, Randy Hoffman

Donald J. Coulman

Attorney/Agent for Applicant(s)

Reg. No. 50, 406

Date: 6/9/05

Telephone No.: (541) 715-1694

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Substitute for form 1449/PTO

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/799325			
Filing Date	Mar 12, 2004			
First Named Inventor	Randy Hoffman			
Art Unit	2811			
Examiner Name	Thien Tran			
Attorney Docket Number	200315134-1			

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.¹	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
		<sup>US-</sup> 5,744,864	04-28-1998	Cillessen	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> -Number <sup>4</sup> *Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>
		WO 02/15233	02-21-2002	Walter		
		EP 1 306 858	05-02-2003	Japan Science	<u>"</u>	
		EP 1 367 657	12-03-2003	Koha Co.		
				<u>-</u>		

Examiner		Date	
Signature	•	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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Substitute for form 1449/PTO		Complete if Known			
32331410 (0.15111 1440)1 10				Application Number	10/799325
INF	ORMATION	DIS	CLOSURE	Filing Date	Mar 12, 2004
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Randy Hoffman
(Use as many sheets as necessary)				Art Unit	2811
(Use as many sneets as necessary)			ecessary)	Examiner Name	Thien Tran
Sheet	2	of	2	Attorney Docket Number	200315134-1

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		OHTA, H., "Frontier of transparent oxide semiconductors", Solid State Electronics, vol. 47, no. 12, Dec 2003, pgs 2261-2267	
		OGITA, M., "Properties of gallium oxide thin film", Proceedings of the 27th annual conf. of the IEEE Ind. Elect. Society, 11/29-12/2/2001, vol. 1 of 3, conf 27, pgs 137-140	
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Examiner	Date '	
Signature	Considered	

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